PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



51) International Patent Classification 6:		11) International Publication Number:	WO 99/50302
C07K 19/00, 14/62, 14/61, C12N 15/62, 1/21 // (C12N 1/21, C12R 1:19)	A1	43) International Publication Date: 7 Octob	per 1999 (07.10.99)
 21) International Application Number: PCT/CN9 22) International Filing Date: 31 March 1998 (3) 71) Applicant (for all designated States except US): TO GANTECH BIOTECHNOLOGY LTD. [CN/CN]; Biotechnology, Dongbao Group, Tonghua Cir Province 134102 (CN). 72) Inventor; and 75) Inventor/Applicant (for US only): GAN, Zhongru (Gantech Biotechnology, Dongbao Group, Tongh Jilin Province 134102 (CN). 74) Agent: CHINA PATENT AGENT (H.K.) LTD.; 22. Eagle Centre, 23 Harbour Road, Wanchai, Special istrative Region Hong Kong (CN). 	onghu. Gantec ty, Jili CN/CN nua City	(81) Designated States: AL, AM, AT, AU, AZ, BY, CA, CH, CN, CU, CZ, DE, DK, EI GH, GM, GW, HU, ID, IL, IS, JP, KE, LC, LK, LR, LS, LT, LU, LV, MD, MM, NO, NZ, PL, PT, RO, RU, SD, SI TJ, TM, TR, TT, UA, UG, US, UZ, VN patent (GH, GM, KE, LS, MW, SD, SZ, patent (AM, AZ, BY, KG, KZ, MD, RU, patent (AT, BE, CH, DE, DK, ES, FI, FL, LU, MC, NL, PT, SE), OAPI patent (BI, CM, GA, GN, ML, MR, NE, SN, TD, T). Published With international search report.	E, ES, FI, GB, GE, KG, KP, KR, KZ, G, MK, MN, MW, E, SG, SI, SK, SL, YU, ZW, ARIPO UG, ZW), Eurasian TJ, TM), European R, GB, GR, IE, IT, F, BJ, CF, CG, CI,
54) Title: CHIMERIC PROTEIN CONTAINING AN INTION TO INSULIN PRODUCTION 57) Abstract The present invention relates to a chimeric prote arget protein, preferably an insulin precursor. The probability precursor—containing chimeric protein, comprising, ike sequence linked to an insulin precursor with at least of conscreening an amino acid sequence for the ability to impike sequence linked to an insulin precursor.	in control oresent , inter a	ning an intramolecular chaperone (IMC) like sec vention also relates to a process for obtaining a, contacting an incorrectly folded chimeric protein	quence linked to a a correctly folded containing an IMC relates to an assay